

65-135678/23 D15 X25 P34 ANKE/19.11.82 D(4-A2)  
 ANKE W \*DE 3341.797-A  
 19.11.83-DE-341797 (30.05.85) A611.02/02 C02F 01/46 C25b-  
 11/04 (11pp39DAHDwgNo1/1)

Water pasteurisation system - involves passing specified current through it for specified time

C85-059114 A liq., esp. water, is sterilised by passing an electric current through it for a certain minimum length of time.

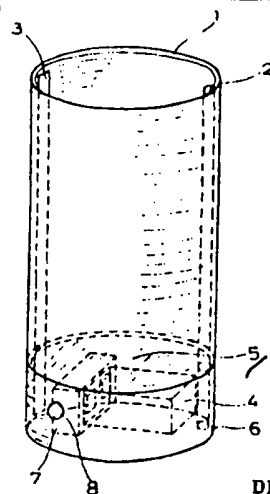
Typically, 200 ml of liq. requires max. 20-30 min. for a DC current of 0.1-1.5 (pref. 0.1-1.0)A or for AC current of 10-60 (pref. 20-30)Hz at the same current.

#### ADVANTAGES

This uses less energy than boiling and is less expensive than silver wool. All bacteria and viruses are reliably killed.

#### EMBODIMENT

A beaker (1) for water is fitted with an anode (2) and a cathode (3) which are connected to a battery (4) at the bottom (5). The anode is a carbon rod and the cathode a silver strip; both are integrated in the beaker walls. Battery (4) and switch (7) with LED (8) are incorporated in a detachable cap (6). The switch is activated by turning the cap.



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